

Patient Name	: Mr.AFAQ	Visit No	: CHA250036895
Age/Gender	: 50 Y/M	Registration ON	: 01/Mar/2025 11:31AM
Lab No	: 10134191	Sample Collected ON	: 01/Mar/2025 11:31AM
Referred By	: Dr.GUFRAN RASHID	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 01/Mar/2025 12:04PM

2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm2 (PHT)
Anterior Mitral Leaflet:

(a) **Motion:** Normal (b) **Thickness :** Normal (c) **DE :** 2.0 cm.
(d) **EF :** 103mm/sec (e) **EPSS :** 06 mm (f) **Vegetation :** -
(g) **Calcium :** -

Posterior mitral leaflet : Normal

(a). **Motion :** Normal (b) **Calcium:** - (c) **Vegetation :** -
Valve Score : Mobility /4 Thickness /4 SVA /4
Calcium /4 Total /16

2. **AORTIC VALVE STUDY**

(a) **Aortic root :** 3.1cms (b) **Aortic Opening :** 2.0cms (c) **Closure:** Central
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -
(g) **Valve Structure :** THICK

3. **PULMONARY VALVE STUDY** Normal

(a) **EF Slope :** - (b) **A Wave :** + (c) **MSN :** -
(D) **Thickness :** (e) **Others :**

4. **TRICUSPID VALVE :** Normal

5. **SEPTAL AORTIC CONTINUITY** 6. **AORTIC MITRAL CONTINUITY**

Left Atrium : 3.7 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.1 cm (s) 1.7 cm

Motion : normal

LVPW (D) 1.0cm (s) 1.7 cm

Motion : Normal

LVID (D) 5.0 cm (s)3.1 cm

Ejection Fraction :66%

Fractional Shortening : 36 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - THICK
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.5 a = 0.6	a > e	-	-	-
AORTIC	1.2	Normal	1	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.5	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV AR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 66 %
- NO RWMA
- MILD AR ; THICK AOV
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

